

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A glycinamide compound Glycinamide derivatives of formula I

A-D-B (I)

wherein

- D is a bivalent glycine amide moiety, or a derivative thereof thereof,
- A is an [[a]] unsubstituted or substituted moiety of up to 40 carbon atoms of the formula: -L-(M-L')_α [[,]] where
- L is a 5, 6 or 7 membered cyclic structure containing 0-4 members selected from nitrogen, oxygen and sulfur, preferably selected from the group consisting of aryl, heteroaryl, arylene and heteroarylene, bound directly to D; [[,]]
- L' comprises an optionally substituted cyclic moiety having at least 5 members and containing 0-4 members selected from nitrogen, oxygen and sulfur, wherein L' is optionally substituted by at least one substituent selected from -SO₂R₃, -C(O)R₃ and -C(NR₂)R₃, preferably selected from the group consisting of aryl, heteroaryl, aralkyl, cycloalkyl and heterocyclyl,
- M is a bond or a bridging group having at least one atom; [[,]]
- α is an integer of from 1-4; and
each cyclic structure of L and L' contains 0-4 members of the group consisting of nitrogen, oxygen and sulfur, wherein L' is preferably substituted by at least one

substituent selected from the group consisting of

$\text{SO}_\beta \text{R}_{\alpha\gamma}$, $\text{C}(\text{O})\text{R}_\alpha$ and $\text{C}(\text{NR}_\gamma)\text{R}_{\alpha\beta}$

- B is a substituted or unsubstituted, up to tricyclic aryl or heteroaryl moiety of up to 30 carbon atoms, preferably of up to 20 carbon atoms, comprising at least one 5-, 6-, or 7-membered cyclic structure, preferably a 5- or 6-membered eyelic structure, bound directly to D and containing 0-4 members selected from the group consisting of nitrogen, oxygen and sulfur; wherein said eyelic structure directly bound to D is preferably selected from the group consisting of aryl, heteroaryl and heteroeyelic;

where when B is substituted, L is substituted or L' is additionally substituted, the
substituents are selected from halogen, up to per-halo, and W γ ;

R_y is hydrogen or a carbon based moiety of up to 24 carbon atoms optionally containing heteroatoms selected from N, S and O and optionally halosubstituted, up to per halo;

R_z is hydrogen or a carbon based moiety of up to 30 carbon atoms optionally containing heteroatoms selected from N, S and O and optionally substituted by halogen, hydroxy and carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen;

R_x is R_z or NR_aR_b; where

R_a and R_b are

- a) independently hydrogen, a carbon based moiety of up to 30 carbon atoms optionally containing heteroatoms selected from N, S and O and optionally substituted by halogen, hydroxy and carbon based

substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen, or

-OSi(R_f)₃ where R_f is hydrogen or a carbon based moiety of up to 24 carbon atoms optionally containing heteroatoms selected from N, S and O and optionally substituted by halogen, hydroxy and carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen; or

- b) R_a and R_b together form a 5-7 member heterocyclic structure of 1-3 heteroatoms selected from N, S and O, or a substituted 5-7 member heterocyclic structure of 1-3 heteroatoms selected from N, S and O substituted by halogen, hydroxy or carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen; or
- c) one of R_a or R_b is -C(O)-, a C₁-C₅ divalent alkylene group or a substituted C₁-C₅ divalent alkylene group bound to the moiety L to form a cyclic structure with at least 5 members, wherein the substituents of the substituted C₁-C₅ divalent alkylene group are selected from the group consisting of halogen, hydroxy, and carbon based substituents of up to 24 carbon atoms, which optionally contain heteroatoms selected from N, S and O and are optionally substituted by halogen;

where B is substituted, L is substituted or L' is additionally substituted, the substituents are selected from the group consisting of halogen, up to per halo, and W₇, where

γ is 0-3;

W is, in each case, wherein each W is independently selected from the

group consisting of -CN, -CO₂R, -C(O)NR⁵R⁵, -C(O)-R⁵, -NO₂, -OR⁵, -SR⁵, -SO₂R⁵, -SO₃H, -NR⁵R⁵, -NR⁵C(O)OR⁵, -NR⁵C(O)R⁵, -Q-Ar, and carbon based moieties of up to 24 carbon atoms, optionally containing heteroatoms selected from N, S and O and optionally substituted by one or more substituents independently selected from the groups consisting of -CN, -CO₂R, -C(O)NR⁵R⁵, -C(O)-R⁵, -NO₂, -OR⁵, -SR⁵, -SO₂R⁵, -SO₃H, -NR⁵R⁵, -NR⁵C(O)OR⁵, -NR⁵C(O)R⁵ and halogen up to per-halo; **with each**

R⁵ **is, in each case, independently selected from** H or a carbon based moiety of up to 24 carbon atoms, optionally containing heteroatoms selected from N, S and O and optionally substituted by halogen; [.] **wherein**

Q **is** -O-, -S-, -N(R⁵)-, -(CH₂)_β, -C(O)-, -CH(OH)-, -(CH₂)_βO-, -(CH₂)_βS-, -(CH₂)_βN(R⁵)-, -O(CH₂)_β, -CHHal-, -CHAl₂-, **-S-(CH₂)-, or -S-(CH₂)-** and -N(R⁵)(CH₂)_{β-1} **where β = 1-3, and**

β **is 1-3;**

Hal is halogen; **and**

Ar is 5- or 6-member aromatic structure containing 0-2 members selected from the group consisting of nitrogen, oxygen and sulfur, which is optionally substituted by halogen, up to per-halo, and optionally substituted by Z_{δ1}; **wherein**

δ1 **is 0 to 3; and each**

Z **is, in each case, independently selected from the group consisting** -CN, -CO₂R, -C(O)NR⁵R⁵, -C(O)-R⁵, -NO₂, -OR⁵, -SR⁵, -SO₂R⁵, -SO₃H, -

NR^5R^5 , $-\text{NR}^5\text{C(O)OR}^5$, $-\text{NR}^5\text{C(O)R}^5$, and a carbon based moiety of up to 24 carbon atoms, optionally containing heteroatoms selected from N, S and O and optionally substituted by one or more substituents selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C(O)NR}^5\text{R}^5$, $-\text{C(O)-R}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_3\text{H}$, $-\text{NR}^5\text{R}^5$, $-\text{NR}^5\text{C(O)OR}^5$, and $-\text{NR}^5\text{C(O)R}^5$; [.,.] and the other

a physiologically acceptable derivative, salts or solvate derivatives, salts and solvates thereof.

2. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 1, characterised in that wherein

each M_1 independently from one another, represents a bond or is a bridging group [.,.] selected from the group consisting of $(\text{CR}^5\text{R}^5)_h$, and/or $(\text{CHR}^5)_h\text{-Q-}(\text{CHR}^5)_l$, wherein

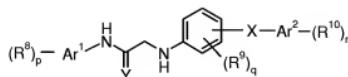
Q is selected from a group consisting of O, S, N-R⁵, (CHal₂)_j, (O-CHR⁵)_j, (CHR⁵-O)_j, CR⁵=CR⁵, (O-CHR⁵CHR⁵)_j, (CHR⁵CHR⁵-O)_j, C=O, C=S, C=NR⁵, CH(OR⁵), C(OR⁵)(OR⁵), C(=O)O, OC(=O), OC(=O)O, (C=O)N(R⁵)C(=O), OC(=O)N(R⁵), N(R⁵)C(=O)O, CH=N-NR⁵, S=O, SO₂, SO₂NR⁵, or NR⁵SO₂, wherein

R⁵ is in each case independently selected from the meanings given above, preferably hydrogen, halogen, alkyl, aryl, aralkyl,

h, i are independently from each other 0, 1, 2, 3, 4, 5, or 6, preferably 0, 1, 2 or 3, and

j is 1, 2, 3, 4, 5 or 6, preferably 0, 1, 2 or 3.

3. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 1, selected from the compounds of formula II,



II

wherein

Ar^1 , Ar^2 are each, selected independently from one another, selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O and S,

R^8 , R^9 and R^{10} are independently selected from a group consisting of H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal, CH_2Hal , $\text{CH}(\text{Hal})_2$, $\text{C}(\text{Hal})_3$, NO_2 , $(\text{CH}_2)_n\text{CN}$, $(\text{CH}_2)_n\text{NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{OR}^{11}$, $(\text{CH}_2)_n\text{O}(\text{CH}_2)_k\text{NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{COOR}^{12}$, $(\text{CH}_2)_n\text{CONR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{NR}^{11}\text{COR}^{13}$, $(\text{CH}_2)_n\text{NR}^{11}\text{CONR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{NR}^{11}\text{SO}_2\text{A}$, $(\text{CH}_2)_n\text{SO}_2\text{NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{S(O)R}^{13}$, $(\text{CH}_2)_n\text{OC(O)R}^{13}$, $(\text{CH}_2)_n\text{COR}^{13}$, $(\text{CH}_2)_n\text{SR}^{11}$, $\text{CH}=\text{N-OA}$, $\text{CH}_2\text{CH}=\text{N-OA}$, $(\text{CH}_2)_n\text{HOA}$, $(\text{CH}_2)_n\text{CH}=\text{N-R}^{11}$, $(\text{CH}_2)_n\text{OC(O)NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{NR}^{11}\text{COOR}^{12}$, $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{OR}^{13}$, $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{OCF}_3$, $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{C}(\text{R}^{13})\text{HCOOR}^{12}$, $\text{C}(\text{R}^{13})\text{HCOR}^{12}$, $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{N}(\text{R}^{12})\text{CH}_2\text{COOR}^{12}$, $(\text{CH}_2)_n\text{N}(\text{R}^{11})\text{CH}_2\text{CH}_2\text{NR}^{11}\text{R}^{12}$, $\text{CH}=\text{CHCOOR}^{11}$, $\text{CH}=\text{CHCH}_2\text{NR}^{11}\text{R}^{12}$, $\text{CH}=\text{CHCH}_2\text{NR}^{11}\text{R}^{12}$, $\text{CH}=\text{CHCH}_2\text{OR}^{13}$, $(\text{CH}_2)_n\text{N}(\text{COOR}^{11})\text{COOR}^{12}$, $(\text{CH}_2)_n\text{N}(\text{CONH}_2)\text{COOR}^{11}$, $(\text{CH}_2)_n\text{N}(\text{CONH}_2)\text{CONH}_2$, $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{COOR}^{11}$, $(\text{CH}_2)_n\text{N}(\text{CH}_2\text{CONH}_2)\text{CONH}_2$, $(\text{CH}_2)_n\text{CHR}^{13}\text{COR}^{11}$, $(\text{CH}_2)_n\text{CHR}^{13}\text{COOR}^{11}$, $(\text{CH}_2)_n\text{CHR}^{13}\text{CH}_2\text{OR}^{14}$, $(\text{CH}_2)_n\text{OCN}$ and $(\text{CH}_2)_n\text{NCO}$, wherein

R^{11} , R^{12} are independently selected from a group consisting of H, A, $(\text{CH}_2)_m\text{Ar}^3$ and $(\text{CH}_2)_n\text{Het}$, or, in $\text{NR}^{11}\text{R}^{12}$, R^{11} and R^{12} form, together with the N-Atom they are bound to, a 5-, 6- or 7-membered heterocycle heterocyclicus which optionally contains 1 or 2 additional hetero atoms, selected from N, O or S,

R^{13} , R^{14} are independently selected from a group consisting of H, Hal, A, $(\text{CH}_2)_m\text{Ar}^4$ and $(\text{CH}_2)_m\text{Het}$,

A is selected from the group consisting of alkyl, alkenyl, cycloalkyl, alkylene cycloalkyl, alkoxy and alkoxyalkyl,

Ar^3 , Ar^4 are independently from one another aromatic hydrocarbon residues comprising 5 to 12 and preferably 5 to 10 carbon atoms which are optionally substituted by one or more substituents, selected from a group consisting of A, Hal, NO_2 , CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_nA and OOCR¹⁵,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from a group consisting of A, Hal, NO_2 , CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_nA and OOCR¹⁵,

R^{15} , R^{16} are independently selected from a group consisting of H, A, and $(\text{CH}_2)_m\text{Ar}^5$, wherein

$\underline{\text{Ar}}^5$ $\underline{\text{Ar}}^6$ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from a group consisting of methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH₂ and CF₃,

\underline{k} , n , m are independently of one another 0, 1, 2, 3, 4, or 5;

X represents a bond or is $(\text{CR}^{11}\text{R}^{12})_h$, or $(\text{CHR}^{11})_h\text{-Q-}(\text{CHR}^{12})_h$, wherein

Q is selected from a group consisting of O, S, N-R¹⁵, (CHal₂)_j, (O-CHR¹⁸)_j, (CHR¹⁸-O)_j, CR¹⁸=CR¹⁹, (O-CHR¹⁸CHR¹⁹)_j, CHR¹⁸CHR¹⁹-O)_j, C=O, C=S, C=NR¹⁵, CH(OR¹⁵), C(OR¹⁷)(OR²⁰), C(=O)O, OC(=O), OC(=O)O, C(=O)N(R¹⁵), N(R¹⁵)C(=O), OC(=O)N(R¹⁵), N(R¹⁵)C(=O)O, CH=N-O, CH=N-NR¹⁵, OC(O)NR¹⁵, NR¹⁵C(O)O, S=O, SO₂, SO₂NR¹⁵ and NR¹⁵SO₂, wherein

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6, and

j is 1, 2, 3, 4, 5 or 6,

Y is selected from O, S, NR²¹, C(R²²)-NO₂, C(R²²)-CN and C(CN)₂, wherein

R²¹ is H, Hal, A, (CH₂)_mAr⁴ and (CH₂)_mHet, independently selected from the meanings given for R¹³, R¹⁴, and

R²² is H, A, (CH₂)_mAr³ and (CH₂)_mHet, independently selected from the meanings given for R¹⁴, R¹³,

p, r are independently from one another 0, 1, 2, 3, 4 or 5,

q is 0, 1, 2, 3 or 4, preferably 0, 1 or 2,

u is 0, 1, 2 or 3, preferably 0, 1 or 2,

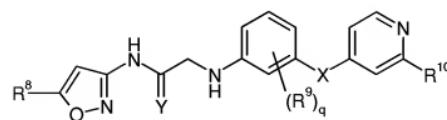
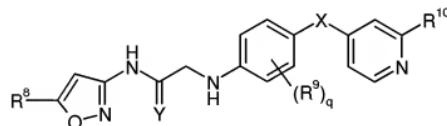
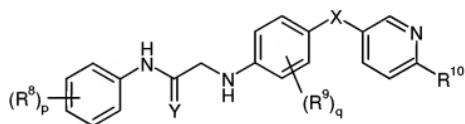
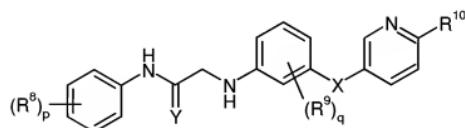
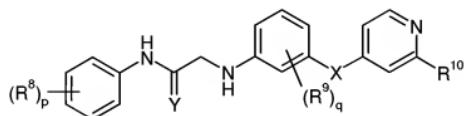
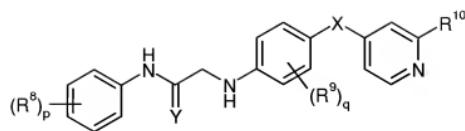
and

Hal is independently selected from a group consisting of F, Cl, Br and I;

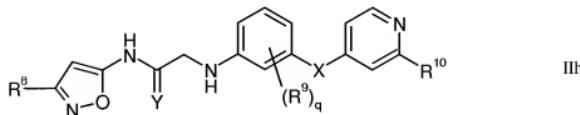
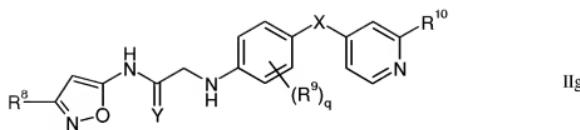
and the salts and solvates thereof.

4. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 1, selected from the compounds of formula IIa, IIb, IIc, IID, IIe, IIf, IIg and IIh,

“



MERCK-2971



wherein

R^8 , R^9 and R^{10} are independently selected from a group consisting of H, A, cycloalkyl

comprising 3 to 7 carbon atoms, Hal, CH_2Hal , $CH(Hal)_2$, $C(Hal)_3$, NO_2 ,
 $(CH_2)_nCN$, $(CH_2)_nNR^{11}R^{12}$, $(CH_2)_nOR^{11}$, $(CH_2)_nO(CH_2)_kNR^{11}R^{12}$,
 $(CH_2)_nCOOR^{12}$, $(CH_2)_nCONR^{11}R^{12}$, $(CH_2)_nNR^{11}COR^{13}$,
 $(CH_2)_nNR^{11}CONR^{11}R^{12}$, $(CH_2)_nNR^{11}SO_2A$, $(CH_2)_nSO_2NR^{11}R^{12}$,
 $(CH_2)_nS(O)_kR^{13}$, $(CH_2)_nOC(O)R^{13}$, $(CH_2)_nCOR^{13}$, $(CH_2)_nSR^{11}$, $CH=N-OA$,
 $CH_2CH=N-OA$, $(CH_2)_nNHOA$, $(CH_2)_nCH=N-R^{11}$, $(CH_2)_nOC(O)NR^{11}R^{12}$,
 $(CH_2)_nNR^{11}COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$, $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$,
 $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$, $C(R^{13})HCOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$,
 $CH=CHCOOR^{11}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2NR^{11}R^{12}$,
 $CH=CHCH_2OR^{13}$, $(CH_2)_nN(COOR^{11})COOR^{12}$, $(CH_2)_nN(CONH_2)COOR^{11}$,
 $(CH_2)_nN(CONH_2)CONH_2$, $(CH_2)_nN(CH_2COOR^{11})COOR^{12}$,
 $(CH_2)_nN(CH_2CONH_2)COOR^{11}$, $(CH_2)_nN(CH_2CONH_2)CONH_2$,
 $(CH_2)_nCHR^{13}COR^{11}$, $(CH_2)_nCHR^{13}COOR^{11}$, $(CH_2)_nCHR^{13}CH_2OR^{14}$,
 $(CH_2)_nOCN$ and $(CH_2)_nNCO$, wherein

R^{10} can also be H,

R^{11} , R^{12} are independently selected from a group consisting of H, A, $(CH_2)_mAr^3$ and
 $(CH_2)_mHet$, or, in $NR^{11}R^{12}$, R^{11} and R^{12} form, together with the N-Atom they

MERCK-2971

are bound to, a 5-, 6- or 7-membered heterocycle heterocycles which optionally contains 1 or 2 additional hetero atoms, selected from N, O an S,

R¹³, R¹⁴ are independently selected from a group consisting of H, Hal, A, (CH₂)_mAr⁴ and (CH₂)_mHet,

A is selected from the group consisting of alkyl, alkenyl, cycloalkyl, alkylene cycloalkyl, alkoxy and alkoxyalkyl,

Ar³, Ar⁴ are independently from one another aromatic hydrocarbon residues comprising 5 to 12 and preferably 5 to 10 carbon atoms which are optionally substituted by one or more substituents, selected from a group consisting of A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_nA and OOCR¹⁵,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from a group consisting of A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_nA and OOCR¹⁵,

R¹⁵, R¹⁶ are independently selected from a group consisting of H, A, and (CH₂)_mAr⁵, wherein

Ar⁵ Ar⁶ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from a group consisting of methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH₂ and CF₃,

k, n, m are independently of one another 0, 1, 2, 3, 4, or 5; or

R¹⁰ is H

p is p, r are independently from one another 0, 1, 2, 3, 4 or 5,

q is 0, 1, 2, 3 or 4, **preferably 0, 1 or 2,**

u is 0, 1, 2 or 3,

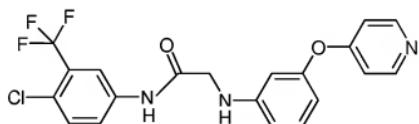
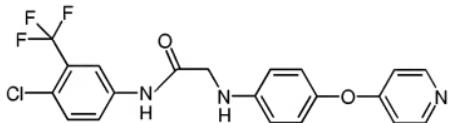
Y is selected from O, S, NR²¹, C(R²²)-NO₂, C(R²²)-CN and C(CN)₂, wherein

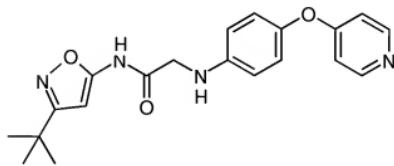
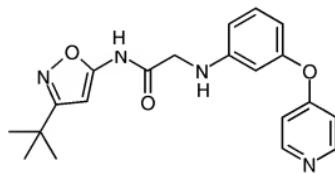
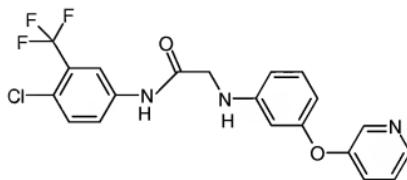
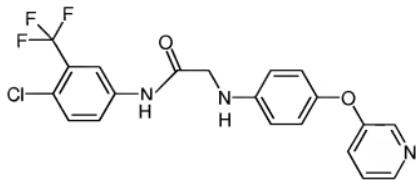
R²¹ is H, Hal, A, (CH₂)_mAr⁴ and (CH₂)_mHet, independently selected from the meanings given for R¹³, R¹⁴, and

R²² is H, A, (CH₂)_mAr³ and (CH₂)_mHet, independently selected from the meanings given for R¹⁴, R¹³,

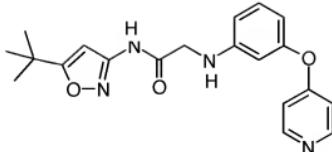
and the salts and solvates thereof.

5. (Currently Amended): A glycaminamide compound Glycinamide derivative according to claim 1, selected from

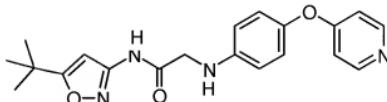




MERCK-2971



and



z

6. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 1 as a medicament.

7. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 1 as a kinase inhibitor.

8. (Currently Amended): A glycinamide compound Glycinamide derivative according to claim 7, wherein said characterized in that the kinases are selected from raf-kinases.

9. (Cancelled):

10. (Currently Amended): A pharmaceutical Pharmaceutical composition comprising one or more compounds according to claim 1, and 9, characterised in that it contains one or more additional compounds, selected from the group consisting of physiologically acceptable excipients, auxiliaries, adjuvants, carriers and other pharmaceutical active ingredients.

11. (Currently Amended): A process Process for the manufacture of a pharmaceutical composition comprising processing - characterised in that one or more

MERCK-2971

compounds according to claim 1 and one or more compounds [,.] selected from the group consisting of carriers, excipients, auxiliaries and pharmaceutical active ingredients other than the compounds according to claim 1, ~~is processed~~ by mechanical means into a pharmaceutical composition that is suitable as dosage form dosageform for application and/or administration to a patient.

12. (Cancelled):

13. (Currently Amended): A method for Use of a compound according to claim 1
one of the claims 1 to 5 in the treatment and/or prophylaxis of disorders in a patient caused,
mediated and/or propagated by kinases, said method comprising administering to said patient
one or more compounds according to claim 1.

14. (Currently Amended): A method for Use of a compound according to claim
1 for producing a pharmaceutical composition for the treatment and/or prophylaxis of
disorders in a patient caused, mediated and/or propagated by kinases, said method comprising
administering to said patient a composition according to claim 10.

15. (Currently Amended): A method Use according to claim 13, wherein said
characterised in that the disorders are caused, mediated and/or propagated by raf-kinases.

16. (Currently Amended): A method Use according to claim 13, wherein said
characterised in that the disorders are selected from the group consisting of hyperproliferative
and nonhyperproliferative disorders.

17. (Currently Amended): A method Use according to claim 13, wherein said
characterised in that the disorder is cancer.

18. (Currently Amended): A method Use according to claim 13, wherein said
characterised in that the disorder is noncancerous.

19. (Currently Amended): A method Use according to claim 13, 18, wherein said characterised in that the noncancerous disorder is disorders are selected from the group consisting of infection, psoriasis, arthritis, inflammation, endometriosis, scarring, benign beginn prostatic hyperplasia, immunological diseases, autoimmune diseases and immunodeficiency diseases.

20. (Currently Amended): A method Use according to claim 13, wherein said characterised in that the disorders are selected from the group consisting of brain cancer, lung cancer, squamous cell cancer, bladder cancer, gastric cancer, pancreatic cancer, hepatic cancer, renal cancer, colorectal cancer, breast cancer, head cancer, neck cancer, oesophageal cancer, gynaecological cancer, thyroid cancer, lymphoma, chronic leukemia leukaemia and acute leukemia leukaemia.

21. (Currently Amended): A method Use according to claim 13, wherein said characterised in that the disorders are selected from the group consisting of arthritis, restenosis, [[:]] fibrotic disorders, [[:]] mesangial cell proliferative disorders, diabetic nephropathy, malignant nephrosclerosis, thrombotic microangiopathy syndromes, organ transplant rejection, glomerulopathies, metabolic disorders, inflammation and neurodegenerative diseases.

22. (Cancelled):

23. (Currently Amended): A method Use according to claim 15, wherein said 22, characterised in that the raf-kinase is selected from the group consisting of A-Raf, B-Raf and c-Raf-1.

24. (Currently Amended): A method Method for the treatment and/or prophylaxis of disorders, comprising administering characterised in that one or more compounds according to claim 1 is administered to a patient in need of such a treatment.

25. (Currently Amended): A method Method according to claim 24, wherein said characterised in that the one or more of said compounds are administered as a pharmaceutical composition.

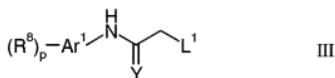
26. (Cancelled):

27. (Currently Amended): A method Method for the treatment according to claim 26, characterised in that the disorders 13, wherein said disorder is cancerous cell growth mediated by raf-kinase.

28. (Currently Amended): A method Method for producing a compound compounds of formula II, said method comprising: characterised in that

a)

reacting a compound of formula III



wherein

L^1 is Cl, Br, I, OH, a reactive esterified OH-group or a diazonium moiety, and R^8 , p , Ar^1 , Y are as defined in claim 3;

R^8 is selected from H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal,
 CH_2Hal , $\text{CH}(\text{Hal})_2$, $\text{C}(\text{Hal})_3$, NO_2 , $(\text{CH}_2)_n\text{CN}$, $(\text{CH}_2)_n\text{NR}^{11}\text{R}^{12}$,
 $(\text{CH}_2)_n\text{OR}^{11}$, $(\text{CH}_2)_n\text{O}(\text{CH}_2)_n\text{NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{COOR}^{12}$,
 $(\text{CH}_2)_n\text{CONR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{NR}^{11}\text{COR}^{13}$, $(\text{CH}_2)_n\text{NR}^{11}\text{CONR}^{11}\text{R}^{12}$,
 $(\text{CH}_2)_n\text{NR}^{11}\text{SO}_2\text{A}$, $(\text{CH}_2)_n\text{SO}_2\text{NR}^{11}\text{R}^{12}$, $(\text{CH}_2)_n\text{S}(\text{O})_n\text{R}^{13}$,
 $(\text{CH}_2)_n\text{OC(O)R}^{13}$, $(\text{CH}_2)_n\text{COR}^{13}$, $(\text{CH}_2)_n\text{SR}^{11}$, $\text{CH}=\text{N-OA}$, $\text{CH}_2\text{CH}=\text{N-OA}$, $(\text{CH}_2)_n\text{NHOA}$, $(\text{CH}_2)_n\text{CH}=\text{N-R}^{11}$, $(\text{CH}_2)_n\text{OC(O)NR}^{11}\text{R}^{12}$,

MERCK-2971

$(CH_2)_nNR^{11}COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$,
 $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$, $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$,
 $C(R^{13})HCOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$, $CH=CHCOOR^{11}$,
 $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2OR^{13}$,
 $(CH_2)_nN(COOR^{11})COOR^{12}$, $(CH_2)_nN(CONH_2)COOR^{11}$,
 $(CH_2)_nN(CONH_2)CONH_2$, $(CH_2)_nN(CH_2COOR^{11})COOR^{12}$,
 $(CH_2)_nN(CH_2CONH_2)COOR^{11}$, $(CH_2)_nN(CH_2CONH_2)CONH_2$,
 $(CH_2)_nCHR^{13}COR^{11}$, $(CH_2)_nCHR^{13}COOR^{11}$, $(CH_2)_nCHR^{13}CH_2OR^{14}$,
 $(CH_2)_nOCN$ and $(CH_2)_nNCO$,

p is 0, 1, 2, 3, 4 or 5,

Ar¹ is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O and S.

Y is selected from O, S, NR²¹, C(R²²)-NO₂, C(R²²)-CN and C(CN)₂.

A is selected from alkyl, alkenyl, cycloalkyl, alkylene cycloalkyl, alkoxy and alkoxyalkyl.

R¹¹, R¹² are independently selected from H, A, $(CH_2)_mAr^3$ and $(CH_2)_mHet$, or in $NR^{11}R^{12}$, R^{11} and R^{12} form, together with the N-Atom they are bound to, a 5-, 6- or 7-membered heterocycle which optionally contains 1 or 2 additional hetero atoms, selected from N, O and S.

k, n, m are independently of one another 0, 1, 2, 3, 4, or 5,

R¹³, R¹⁴ are independently selected from H, Hal, A, $(CH_2)_mAr^4$ and $(CH_2)_mHet$.

Ar³, Ar⁴ are independently from one another aromatic hydrocarbon residues comprising 5 to 12 carbon atoms which are optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)₂A and OOCR¹⁵,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)₂A and OOCR¹⁵,

R¹⁵, R¹⁶ are independently selected from H, A, and (CH₂)_mAr⁵.

Ar⁵ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH, and CF₃,

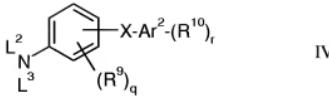
u is 0, 1, 2 or 3,

R²¹ is H, Hal, A, (CH₂)_mAr⁴ and (CH₂)_mHet,

R²² is H, A, (CH₂)_mAr³ and (CH₂)_mHet,

b)

with a compound of formula IV,



wherein

L^2, L^3 are independently from one another H or a metal ion, and R^9 , q , X ,
 Ar^2, R^{10} and r are as defined in claim 3;

R^9 and R^{10} are independent from one another selected from H, A, cycloalkyl
comprising 3 to 7 carbon atoms, Hal, CH_2Hal , $CH(Hal)_2$, $C(Hal)_3$,
 NO_2 , $(CH_2)_nCN$, $(CH_2)_nNR^{11}R^{12}$, $(CH_2)_nOR^{11}$,
 $(CH_2)_nO(CH_2)_kNR^{11}R^{12}$, $(CH_2)_nCOOR^{12}$, $(CH_2)_nCONR^{11}R^{12}$,
 $(CH_2)_nNR^{11}COR^{13}$, $(CH_2)_nNR^{11}CONR^{11}R^{12}$, $(CH_2)_nNR^{11}SO_2A$,
 $(CH_2)_nSO_2NR^{11}R^{12}$, $(CH_2)_nS(O)_kR^{13}$, $(CH_2)_nOC(O)R^{13}$, $(CH_2)_nCOR^{13}$,
 $(CH_2)_nSR^{11}$, $CH=N-OA$, $CH_2CH=N-OA$, $(CH_2)_nNHOA$,
 $(CH_2)_nCH=N-R^{11}$, $(CH_2)_nOC(O)NR^{11}R^{12}$, $(CH_2)_nNR^{11}COOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$, $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$,
 $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$, $C(R^{13})HCOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$, $CH=CHCOOR^{11}$,
 $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2OR^{13}$,
 $(CH_2)_nN(COOR^{11})COOR^{12}$, $(CH_2)_nN(CONH_2)COOR^{11}$,
 $(CH_2)_nN(CONH_2)CONH_2$, $(CH_2)_nN(CH_2COOR^{11})COOR^{12}$,
 $(CH_2)_nN(CH_2CONH_2)COOR^{11}$, $(CH_2)_nN(CH_2CONH_2)CONH_2$,
 $(CH_2)_nCHR^{13}COR^{11}$, $(CH_2)_nCHR^{13}COOR^{11}$, $(CH_2)_nCHR^{13}CH_2OR^{14}$,
 $(CH_2)_nOCN$ and $(CH_2)_nNCO$,

q is 0, 1, 2, 3, or 4,

X represents a bond or is $(CR^{11}R^{12})_h$, or $(CHR^{11})_h-Q-(CHR^{12})_h$

Ar² is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O and S,

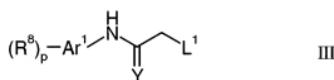
r is 0, 1, 2, 3, 4 or 5, and

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6;

r is 0, 1, 2, 3, 4 or 5

and optionally isolating and/or treating the compound of formula II obtained by said reaction with an acid, to obtain the salt thereof.

29. (Currently Amended): A compound Compound of formula III,



wherein

L¹ is Cl, Br, I, OH, a reactive esterified OH-group or a diazonium moiety, and R⁸, p, Ar¹, Y are as defined in claim 3

R⁸ is selected from H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal,

CH₂Hal, CH(Hal)₂, C(Hal)₃, NO₂, (CH₂)_nCN, (CH₂)_nNR¹¹R¹², (CH₂)_nOR¹¹, (CH₂)_nO(CH₂)_kNR¹¹R¹², (CH₂)_nCOOR¹², (CH₂)_nCONR¹¹R¹², (CH₂)_nNR¹¹COR¹³, (CH₂)_nNR¹¹CONR¹¹R¹², (CH₂)_nNR¹¹SO₂A, (CH₂)_nSO₂NR¹¹R¹², (CH₂)_nS(O)_nR¹³, (CH₂)_nOC(O)R¹³, (CH₂)_nCOR¹³, (CH₂)_nSR¹¹, CH=N-OA, CH₂CH=N-OA, (CH₂)_nNHOA, (CH₂)_nCH=N-R¹¹,

MERCK-2971

$(CH_2)_nOC(O)NR^{11}R^{12}$, $(CH_2)_nNR^{11}COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$,
 $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$, $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$, $C(R^{13})HCOR^{12}$,
 $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$,
 $CH=CHCOOR^{11}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2NR^{11}R^{12}$,
 $CH=CHCH_2OR^{13}$, $(CH_2)_nN(COOR^{11})COOR^{12}$, $(CH_2)_nN(CONH_2)COOR^{11}$,
 $(CH_2)_nN(CONH_2)CONH_2$, $(CH_2)_nN(CH_2COOR^{11})COOR^{12}$,
 $(CH_2)_nN(CH_2CONH_2)COOR^{11}$, $(CH_2)_nN(CH_2CONH_2)CONH_2$,
 $(CH_2)_nCHR^{13}COR^{11}$, $(CH_2)_nCHR^{13}COOR^{11}$, $(CH_2)_nCHR^{13}CH_2OR^{14}$,
 $(CH_2)_nOCN$ and $(CH_2)_nNCO$.

p is 0, 1, 2, 3, 4 or 5.

Ar¹ is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O and S.

Y is selected from O, S, NR²¹, C(R²²)-NO₂, C(R²²)-CN and C(CN)₂.

R¹¹, R¹² are independently selected from H, A, $(CH_2)_mAr^3$ and $(CH_2)_mHet$, or, in NR¹¹R¹², R¹¹ and R¹² form, together with the N-Atom they are bound to, a 5-, 6- or 7-membered heterocycle which optionally contains 1 or 2 additional hetero atoms, selected from N, O an S,

n, m are independently of one another 0, 1, 2, 3, 4, or 5.

A is selected from alkyl, alkenyl, cycloalkyl, alkylene cycloalkyl, alkoxy and alkoxyalkyl.

R¹³, R¹⁴ are independently selected from H, Hal, A, $(CH_2)_mAr^4$ and $(CH_2)_mHet$,

Ar³, Ar⁴ are independently from one another aromatic hydrocarbon residues

comprising 5 to 12 carbon atoms which are optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_uA and OOCR¹⁵,

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_uA and OOCR¹⁵,

R¹⁵, R¹⁶ are independently selected from H, A, and (CH₂)_mAr⁵,

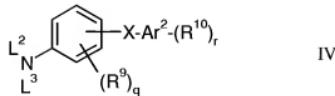
Ar⁵ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH, and CF₃,

u is 0, 1, 2 or 3,

R²¹ is H, Hal, A, (CH₂)_mAr⁴ and (CH₂)_mHet,

R²² is H, A, (CH₂)_mAr³ and (CH₂)_mHet.

30. (Currently Amended): A compound Compound of formula IV,



wherein

L^2 , L^3 are independently from one another H or a metal ion, and R^9 , q , X , Af^2 , R^{10} and r are as defined in claim 3

R^9 and R^{10} are independent from one another selected from H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal, CH_2Hal , $CH(Hal)_2$, $C(Hal)_3$, NO_2 , $(CH_2)_nCN$, $(CH_2)_nNR^{11}R^{12}$, $(CH_2)_nOR^{11}$, $(CH_2)_nO(CH_2)_kNR^{11}R^{12}$, $(CH_2)_nCOOR^{12}$, $(CH_2)_nCONR^{11}R^{12}$, $(CH_2)_nNR^{11}COR^{13}$, $(CH_2)_nNR^{11}CONR^{11}R^{12}$, $(CH_2)_nNR^{11}SO_2A$, $(CH_2)_nSO_2NR^{11}R^{12}$, $(CH_2)_nS(O)_nR^{13}$, $(CH_2)_nOC(O)R^{13}$, $(CH_2)_nCOR^{13}$, $(CH_2)_nSR^{11}$, $CH=N-OA$, $CH_2CH=N-OA$, $(CH_2)_nNHOA$, $(CH_2)_nCH=N-R^{11}$, $(CH_2)_nOC(O)NR^{11}R^{12}$, $(CH_2)_nNR^{11}COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2OR^{13}$, $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$, $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$, $C(R^{13})HCOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2N(R^{12})CH_2COOR^{12}$, $(CH_2)_nN(R^{11})CH_2CH_2NR^{11}R^{12}$, $CH=CHCOOR^{11}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2NR^{11}R^{12}$, $CH=CHCH_2OR^{13}$, $(CH_2)_nN(COOR^{11})COOR^{12}$, $(CH_2)_nN(CONH_2)COOR^{11}$, $(CH_2)_nN(CONH_2)CONH_2$, $(CH_2)_nN(CH_2CONH_2)CONH_2$, $(CH_2)_nCHR^{13}COR^{11}$, $(CH_2)_nCHR^{13}COOR^{11}$, $(CH_2)_nCHR^{13}CH_2OR^{14}$, $(CH_2)_nOCN$ and $(CH_2)_nNCO$.

A is selected from alkyl, alkenyl, cycloalkyl, alkylene cycloalkyl, alkoxy and alkoxyalkyl.

R^{11} , R^{12} are independently selected from H, A, $(CH_2)_mAr^3$ and $(CH_2)_mHet$, or, in $NR^{11}R^{12}$, R^{11} and R^{12} form, together with the N-Atom they are bound to, a 5-, 6- or 7-membered heterocycle which optionally contains 1 or 2 additional hetero atoms, selected from N, O and S,

k , n , m are independently of one another 0, 1, 2, 3, 4, or 5,

R^{13} , R^{14} are independently selected from H, Hal, A, $(CH_2)_mAr^4$ and $(CH_2)_mHet$,

Ar³, Ar⁴ are independently from one another aromatic hydrocarbon residues

comprising 5 to 12 carbon atoms which are optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_uA and OOCR¹⁵,

q is 0, 1, 2, 3, or 4,

X represents a bond or is (CR¹¹R¹²)_b, or (CHR¹¹)_b-Q-(CHR¹²)_b.

Ar² is selected from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O and S.

Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_uA and OOCR¹⁵,

R¹⁵, R¹⁶ are independently selected from H, A, and (CH₂)_mAr⁵,

Ar⁵ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH₂ and CF₃,

u is 0, 1, 2 or 3,

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6, and

r is 0, 1, 2, 3, 4 or 5.

31. (New): A compound according to claim 3, wherein
Ar¹ is phenyl, pyridinyl, oxazolyl, isoxazolyl, pyrazolyl or imidazolyl, preferably phenyl, pyridinyl or isoxazolyl and especially phenyl or oxazolyl,

p is 1, 2 or 3,

R⁸ is selected from the group consisting of alkyl comprising 1 to 4 carbon atoms, alkoxy comprising 1 to 4 carbon atoms, Hal, CH₂Hal, CH(Hal)₂, perhaloalkyl comprising 1 to 4 carbon atoms, NO₂, (CH₂)_nCN, (CH₂)_nNR¹¹R¹², (CH₂)_nCOR¹³, (CH₂)_nCOOR¹¹, (CH₂)_nCONR¹¹R¹², (CH₂)_nSO₂NR¹¹R¹² and (CH₂)_nS(O)_uR¹³, wherein

n is 0 or 1,

u is 0 or 2,

q is 0 or 1, and

X is O, S, NR¹⁵, CHOR¹¹, CH₂, CH₂CH₂, OCH₂, CH₂O, OCH₂CH₂, or CH₂CH₂O.

32. (New): A compound according to claim 31, wherein A² is phenyl or pyridinyl.

33. (New): A compound according to claim 31, wherein X is O or S.

34. (New): A compound according to claim 31, wherein Y is O or S.

35. (New): A compound according to claim 31, wherein A¹ is phenyl or oxazolyl.

36. (New): A compound according to claim 31, wherein A² is pyridinyl.

37. (New): A compound according to claim 31, wherein X is O.

MERCK-2971

38. (New): A compound according to claim 31, wherein Y is O.